

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

10. An ambulatory infusion pump for expelling fluid from a fluid reservoir bag, comprising:

a generally rectangular housing defining a longitudinal central axis, said housing having an interior space therein;

a first wall within said interior space defining a first surface for contacting said fluid reservoir bag;

a second wall within said interior space defining a second surface for contacting said fluid reservoir bag, said second surface facing said first surface, said second wall being moveable between a first position and a second position relative to said first wall, said second position being closer than said first position;

an elongated first guide rod and an elongated second guide rod spaced from said central axis on opposing sides thereof, said first and second guide rods being oriented generally parallel to said central axis;

a first moveable stop and a second moveable stop, each of said first and second movable stops being slideably engaged with each of said first and second guide rods;

at least one parallelogram linkage assembly having first and second opposing pivots connected to said housing and said second wall, respectively, and third and fourth opposing pivots connected to said first and second moveable stops, respectively; and

at least one spring configured apply a force tending to bias said first and second stops toward one another, thereby moving said third and fourth pivots toward one another and moving said first and second pivots away from one another to move said second wall toward said second position.

11. The infusion pump of Claim 10, wherein said at least one spring comprises four springs, wherein a first and second of said four springs are supported by said first guide rod and said second guide rod, respectively, and being arranged to bias said first moveable stop in a first direction, and a third and fourth of said four springs are supported by said first guide rod and said

Appl. No. : **10/678,038**
Filed : **September 30, 2003**

second guide rod, respectively, and being arranged to bias said second moveable stop in a second direction, opposite said first direction.

12. The infusion pump of Claim 10, wherein said at least one parallelogram linkage comprises a first linkage and a second linkage, said first and second linkages being positioned on opposing outward sides of said first and second guide rods.

13. The infusion pump of Claim 10, wherein said interior space of said housing is configured to receive a standard, rectangular medication bag.

14. The infusion pump of Claim 13, wherein said medication bag includes a fluid injection port, a fluid delivery port, and a fluid reservoir portion, said first and second surfaces contacting only the fluid reservoir portion of said medication bag.

15. The infusion pump of Claim 14, wherein said housing additionally includes an internal wall defining at least one compartment sized and shaped to receive the fluid injection port and the fluid delivery port.

16. The infusion pump of Claim 10, wherein said first and second surfaces are non-planar surfaces complementary to one another.